



A.D. 1873, 7th JULY. N° 2344.

Apparatus for Irrigating and Sponging Wounds, &c.

(This Invention received Provisional Protection only.)

PROVISIONAL SPECIFICATION left by Walter Blundell at the Office of the Commissioners of Patents, with his Petition, on the 7th July 1873.

I, WALTER BLUNDELL, of Guilford Street, Russell Square, in the
5 County of Middlesex, do hereby declare the nature of the said
Invention for “IMPROVEMENTS IN APPARATUS FOR IRRIGATING, SPONGING,
SYRINGING, AND ADMINISTERING INJECTIONS AND DOUCHES TO THE HUMAN OR
ANIMAL BODY,” to be as follows:—

My Invention relates to certain improvements in apparatus for the
10 purpose of irrigating, washing, and sponging wounds or sores of the
human or animal body, and for administering injections and douches.

The apparatus consists of a flexible hollow ball or other form of vessel
made of caoutchouc or its preparations or of other suitable elastic or
flexible materials or combinations thereof, which vessel is provided with
15 a nozzle or outlet tube, so that by inserting the vessel in a collapsed
state in water or other liquid it may be filled. The nozzle is provided
with suitable flanges, one for insertion into the inlet of the vessel to
hold the nozzle securely thereto, another to receive a small india-rubber

Blundell's Impts. in Apparatus for Irrigating & Sponging Wounds, &c.

hemispherical collar or washer to secure the sponge and maintain its position on the ball or vessel.

The sponge is so arranged in a hollow or dished form to resemble a cup, which when inverted serves to enclose or surround the part to be washed, syringed, or otherwise treated, leaving an internal space for the 5 free flow of the liquid or water to the affected part, the ball or vessel being free to be grasped by the hand of the operator. By these means the part affected may be washed or syringed, and wiped dry at one operation.

The apparatus may be made of any required size and used for general 10 ablutionary purposes, in which case the nozzle may be furnished with a rose or other form of outlet for the more extended distribution of the water or liquid. Other absorbent fabric or combination of fabrics may be used in lieu of sponge, or an ordinary syringe of metal, glass, bone, or ivory, may be used in lieu of the collapsible ball. For vaginal purposes 15 the nozzle should be made according to the usual forms.

The collapsible ball or vessel may in some cases be furnished with a non-return inlet valve in addition to the ordinary inlet, for the more rapid supply of liquid. The sponge may be of any desired shape.

20

LONDON:

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1874.

